



Docket No.
37000-9906

Declaration and Power of Attorney For Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

OPTICAL DEVICES AND METHODS EMPLOYING NANOPARTICLES, MICROCAVITIES, AND SEMICONTINUOUS METAL FILMS

the specification of which

(check one)

is attached hereto.

was filed on September 12, 2003 as United States Application No. or PCT International Application Number 10/661,319

and was amended on _____

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or plant breeder's rights certificate(s), or 365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

(Application Serial No.)	(Filing Date)
(Application Serial No.)	(Filing Date)
(Application Serial No.)	(Filing Date)

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

09/797,609 (Application Serial No.)	March 1, 2001 (Filing Date)	Pending (Status) (patented, pending, abandoned)
09/955,712 (Application Serial No.)	September 19, 2001 (Filing Date)	Pending (Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

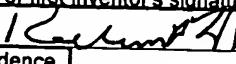
POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. *(list name and registration number)*

Jeffrey D. Myers, Reg. No. 35,964

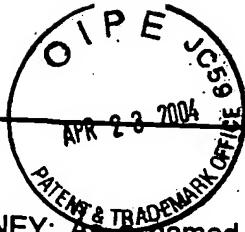
Send Correspondence to: 005179

Direct Telephone Calls to: *(name and telephone number)*

Jeffrey D. Myers (505) 998-1500 [direct line: 505-998-1502] or Deborah A. Peacock

Full name of sole or first inventor	Robert L. ARMSTRONG	
Sole or first inventor's signature		
Date	02/17/04	
Residence	Las Cruces, New Mexico	
Citizenship	US	
Post Office Address	3260 Majestic Ridge	
Las Cruces, New Mexico 88011		

Full name of second inventor, if any	Vladimir M. SHALAEV	
Second inventor's signature		
Date		
Residence	West Lafayette, Indiana	
Citizenship	US	
Post Office Address	2221 Carlisle Road	
West Lafayette, Indiana 47906		



POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)
Jeffrey D. Myers, Reg. No. 35,964

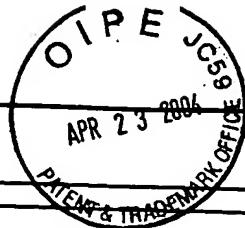
Send Correspondence to: 005179

Direct Telephone Calls to: (name and telephone number)

Jeffrey D. Myers (505) 998-1500 [direct line: 505-998-1502] or Deborah A. Peacock

Full name of sole or first inventor	Robert L. ARMSTRONG
Sole or first inventor's signature	<i>Robert L. Armstrong</i>
Date	02/17/04
Residence	Las Cruces, New Mexico
Citizenship	US
Post Office Address	3260 Majestic Ridge
Las Cruces, New Mexico 88011	

Full name of second inventor, if any	Vladimir M. SHALAEV
Second inventor's signature	<i>Vladimir M. Shalaeve</i>
Date	03/09/04
Residence	West Lafayette, Indiana
Citizenship	US
Post Office Address	2221 Carlisle Road 47906 6210 Old SR 26 W
West Lafayette, Indiana 47906	



Full name of third inventor, if any	Harold V. SMITH
Third inventor's signature	<i>Harold V. Smith</i>
Residence	Date
Las Cruces, New Mexico	2-16-04
Citizenship	
US	
Post Office Address	
821 Canterbury Arc	
Las Cruces, New Mexico 88005	

Full name of fourth inventor, if any	Andrey K. SARYCHEV
Fourth inventor's signature	
Residence	Date
West Lafayette, Indiana	
Citizenship	
Russia	
Post Office Address	
Purdue Univ., School of Electrical & Computer Engineering	
West Lafayette, Indiana 47907-1248	

Full name of fifth inventor, if any	Z. Charles YING
Fifth inventor's signature	
Residence	Date
Citizenship	
US	
Post Office Address	

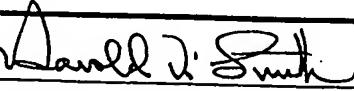
Full name of sixth inventor, if any	
Sixth inventor's signature	
Residence	Date
Citizenship	
Post Office Address	

Full name of third inventor, if any	Harold V. SMITH	Date
Third inventor's signature	Harold V. Smith	
Residence	Las Cruces, New Mexico	
Citizenship	US	
Post Office Address	821 Canterbury Arc	
Las Cruces, New Mexico 88005		

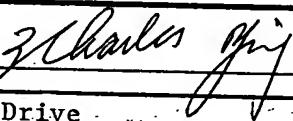
Full name of fourth inventor, if any	Andrey K. SARYCHEV	Date
Fourth inventor's signature	Sarychev	
Residence	West Lafayette, Indiana	
Citizenship	Russia	
Post Office Address	Purdue Univ., School of Electrical & Computer Engineering	
West Lafayette, Indiana 47907-1248		

Full name of fifth inventor, if any	Z. Charles YING	Date
Fifth inventor's signature		
Residence		
Citizenship	US	
Post Office Address		

Full name of sixth inventor, if any		
Sixth inventor's signature		
Residence		
Citizenship		
Post Office Address		

Full name of third inventor, if any	Harold V. SMITH	
Third inventor's signature		
Date	2-16-04	
Residence	Las Cruces, New Mexico	
Citizenship	US	
Post Office Address	821 Canterbury Arc	
Las Cruces, New Mexico 88005		

Full name of fourth inventor, if any	Andrey K. SARYCHEV	
Fourth inventor's signature		
Date		
Residence	West Lafayette, Indiana	
Citizenship	Russia	
Post Office Address	Purdue Univ., School of Electrical & Computer Engineering	
West Lafayette, Indiana 47907-1248		

Full name of fifth inventor, if any	Z. Charles YING	
Fifth inventor's signature		
Date	4/3/2004	
Residence	18513 Black Kettle Drive	
Citizenship	US	
Post Office Address	18513 Black Kettle Drive	
Boyds, MD 20841-4310		

Full name of sixth inventor, if any		
Sixth inventor's signature		
Date		
Residence		
Citizenship		
Post Office Address		